CONTENTS OF VOLUME 32

Volume 32 No. 1 August 1994

WILFRED PILGRIM and ROBERT N. HUGHES / Lead, Cadmium, Arsenic and Zinc in the Ecosystem Surrounding a Lead Smelter 1

A.H. ABU-HILAL, A.B. ADAM, I.M. BANAT, and E.S. HASSAN / Sanitary Conditions in Three Creeks in Dubai, Sharjah and Ajman Emirates on the Arabian Gulf (UAE) 21

BADAR GHAURI, MANZAR SALAM, and M. ISHAQ MIRZA / An Assessment of Air Quality in Karachi, Pakistan 37

J. BURGER, C. RICHARD VEITCH, and M. GOCHFELD / Locational Differences in Metal Concentrations in Feathers of Australasian Gannet (*Morus serrator*) in New Zealand 47

DAVID S. LEE and KEN W. NICHOLSON / The Measurement of Atmospheric Concentrations and Deposition of Semi-Volatile Organic Compounds 59

Volume 32 No. 2 September 1994

SHAMSH PERVEZ and G.S. PANDEY / Toxic Metals Status in Kidneys and Gallstones of Workers in a Steel Plant Environment 93

D.P. LARSEN, K.W. THORNTON, N.S. URQUHART, and S.G. PAULSEN / The Role of Sample Surveys for Monitoring the Condition of the Nation's Lakes 101

D.M. HAMBY / A Review of Techniques for Parameter Sensitivity Analysis of Environmental Models 135

SMITA SENGUPTA and P. VENKATACHALAM / Health Hazard Assessment in an Industrial Town with the Help of GRAM-GIS 155

CESAR GOMEZ-LAHOZ, RAFAEL A. GARCIA-DELGADO, and DAVID J. WILSON / A Model with Mass Transport Limitations for Pump and Treat Remediation of Soils Polluted with NAPL 161

Volume 32 No. 3 September 1994

A. ISMAIL / Heavy Metals in Freshwater Snails of Kuala Klawang's Rice Field, Negeri Sembilan, Malaysia 187

MUTHANA A.M. JAMEL / Electrostatic Precipitation in Atmospheric Aerosols 193

DONALD A. SCHULTZ, RONALD L. RASCHKE, and ROXANNE JONES / A Shortened Algal Growth Potential Test 201

P. KUIK and H.TH. WOLTERBEEK / Factor Analysis of Trace-Element Data from Tree-Bark Samples in The Netherlands 207

J.D. STEDNICK and T.J. KERN / Risk Assessment for Salmon from Water Quality Changes Following Timber Harvesting 227

RUDOLF REUTHER / Mercury Accumulation in Sediment and Fish from Rivers Affected by Alluvial Gold Mining in the Brazilian Madeira River Basin, Amazon 239

DONAT-P. HÄDER and JOCHEN SCHÄFER / In-Situ Measurement of Photosynthetic Oxygen Production in the Water Column 259

JOHN TROIANO, BRUCE R. JOHNSON, SALLY POWELL, and STEVE SCHOENIG / Use of Cluster and Principal Component Analyses to Profile Areas in California Where Ground Water Has Been Contaminated by Pesticides 269

Announcement 289

Author Index of Volume 32 291

Contents of Volume 32 293